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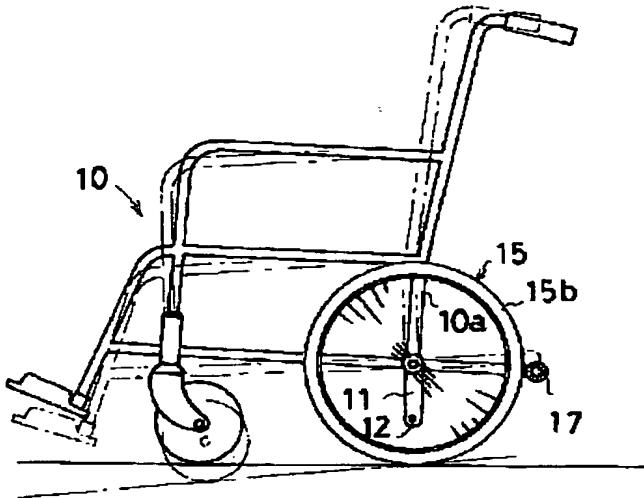
APPLICATION DATE : 31-05-99
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INVENTOR : HAYASAKA KOICHI;

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TITLE : AUTOMATIC BRAKING DEVICE FOR
WHEELCHAIR AND PUSHCART



ABSTRACT : PROBLEM TO BE SOLVED: To prevent excessive speeds when a wheelchair comes to a downgrade by applying brakes automatically.

SOLUTION: Suspension links 11 are supported on both sides of the body frame 10 of a wheelchair in such a way as to freely rotate back and forth. The axle of wheels 15 is supported at the ends of the suspension links 11. Further, links 16 are extended backward from the rear post 10a of the body frame and a rod body which makes sliding contact with tires when the body is tilted downward on a downgrade is horizontally axially supported on the links 16. Friction brakes are assembled to the root of the rod body.

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